IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with <u>underlining</u> and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

1.   (CURRENTLY AMENDED) A data display device comprising:

an appearance property obtaining unit that obtains an appearance property of each of a plurality of object sets that are represented in a same data representation type on a screen, each of the object sets ~~including~~ <u>being at least one</u> data ~~objects~~ <u>object</u> indicating a type of data, the appearance property being at least one of a fill area, colors, and a number of data objects in an object set;

a weighting unit that applies a weighted value to each object set based on the appearance property; and

a display control unit that changes an appearance of at least one of the object sets so that the at least one of the object sets is displayed in a distinct appearance based on the weighted value.

2.   (PREVIOUSLY PRESENTED) The data display device according to claim 1, wherein each object set includes fill objects represented in a fill data representation type.

3.   (PREVIOUSLY PRESENTED) The data display device according to claim 1, wherein each object set includes plot objects represented in a plot data representation type.

4.   (PREVIOUSLY PRESENTED) The data display device according to claim 1, wherein each object set includes line contour objects represented in a line contour data representation type.

5.   (PREVIOUSLY PRESENTED) The data display device according to claim 1, wherein each object set includes vector objects represented in a vector data representation type.

6.   (CURRENTLY AMENDED) A computer-implemented data display method comprising:

obtaining an appearance property of each of a plurality of object sets that are represented in a same data representation type on a screen, each of the object sets ~~including~~ being at least one data ~~objects~~ object indicating a type of data, the appearance property being at least one of a fill area, colors, and a number of data objects in an object set; and

changing an appearance of at least one of the object sets so that the at least one of the object sets is displayed in a distinct appearance based on the appearance property.

7.   (CANCELED).

8.   (PREVIOUSLY PRESENTED) The data display device according to claim 2, wherein

the appearance property obtaining unit obtains the fill area and the colors as appearance properties, and

the weighting unit applies a weighted value to each of the object sets so that the object set having a larger fill area and fewer colors is placed in a lower layer.

9.   (PREVIOUSLY PRESENTED) The data display device according to claim 3, wherein

the appearance property obtaining unit obtains the fill area and the number of plots as appearance properties, and

the weighting unit applies a weighted value to each of the object sets so that the object set having a larger number of plots is placed in a lower layer.

10.   (PREVIOUSLY PRESENTED) The data display device according to claim 4, wherein

the appearance property obtaining unit obtains the fill area and the number of lines as appearance properties, and

the weighting unit applies a weighted value to each of the object sets so that the object set having a larger number of lines is placed in a lower layer.

11.   (PREVIOUSLY PRESENTED) The data display device according to claim 5, wherein

the appearance property obtaining unit obtains the fill area and the number of lines as appearance properties, and

the weighting unit applies a weighted value to each of the object sets so that the object set having a larger number of lines is placed in a lower layer.

12.   (PREVIOUSLY PRESENTED) A data display device comprising:

a weighting unit that applies a weighted value to each of a plurality of object sets that are represented in a same data representation type on a screen, based on an initial appearance property indicating at least one of a fill area, colors, and a number of data objects in the object set, at least one of the object sets having a distinct final appearance depending on the weighted value.